SEQUENCE LISTING

<110> Texas Tech University
        Shaw, Robert W.

<120> Inhibition of metallo-beta-lactamase

<130> 218601.00003

<160> 6

<170> PatentIn version 3.1

<210> 1
<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> A 16 mer with a NdeI restriction site for SELEX.

<400> 1
gcgccatatg cgcgcg   16

<210> 2
<211> 15
<212> DNA
<213> artificial sequence

<220>
<223> A 15 mer with a SecI restriction site for SELEX.

<400> 2
cgcgagctcc gcgcg   15

<210> 3
<211> 30
<212> DNA
<213> artificial sequence

<220>
<223> This is the aptamer sequence after 16 rounds of SELEX.

<220>
<221> misc_feature
<222> (2)..(2)
<223> n is A or T or G or C

<220>
<221> misc_feature
<222> (4)..(4)
<223> n is A or T or G or C

<220>
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<222> (6)..(8)

<223>   N is A or T or G or C

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<221>   misc_feature
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<223>   N is A or T or G or C

<220>
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<223>   N is A or T or G or C

<220>
<221>   misc_feature
<222>   (17)..(18)
<223>   N is A or T or G or C

<220>
<221>   misc_feature
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<223>   N is A or T or G or C

<220>
<221>   misc_feature
<222>   (25)..(28)
<223>   N is A or T or G or C

<400>   3
ancnannntt nnntngnngn ncatnnnnaa   30

<210>   4
<211>   30
<212>   DNA
<213>   artificial sequence

<220>
<223>   This is the aptamer 30-mer sequence after 21 rounds of SELEX.

<400>   4
aaccaaactt ggatcggtgc acatgtcgaa   30

<210>   5
<211>   10
<212>   DNA
<213>   artificial sequence

<220>
<223>   This is a 10 mer that contains a specific stem loop structure

<220>
<221>   stem_loop
<222>   (1)..(10)

<223>

<400> 5
ccaaacttgg   10

<210> 6
<211> 61
<212> DNA
<213> artificial sequence

<220>
<223> the aptamer (61-mer)

<400> 6
gcgccatatg cgcgcgaacc aaacttggat cggtgcacat gtcgaacgcg cggagctcgc   60

g   61